

ATTY. DKT. NO. 5659-05900

SERIAL NO. 09/841,442

APPLICANT: Maher et al.

GROUP: 3673

FILING DATE: April 24, 2001

PART OF PAPER #28

FOREIGN PATENT DOCUMENTS

EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO
or	T01	1836876	12/30/1994	SU			Y
or	AA2	294 809	12/14/1988	EP			

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

or	T02	Burnham, Alan, K. "Oil Shale Retorting Dependence of timing and composition on temperature and heating rate", January 27, 1995, (23 pages).
	T03	Burnham et al. "A Possible Mechanism of Alkene/Alkane Production in Oil Shale Retorting, (7 pages).
	T04	Campbell, et al., "Kinetics of oil generation from Colorado Oil Shale" IPC Business Press, Fuel, 1978, (3 pages).
	T05	Cummins et al. "Thermal Degradation of Green River Kerogen at 150° to 350 °C", Report of Investigations 7620, U.S. Government Printing Office, 1972, (pages 1-15).
	T06	Cook, et al. "The Composition of Green River Shale Oils", United Nations Symposium on the Development and Utilization of Oil Shale Resources, Tallinn, 1968, (pages 1-23).
	T07	Hill et al., "The Characteristics of a Low Temperature in situ Shale Oil" American Institute of Mining, Metallurgical & Petroleum Engineers, 1967 (pages 75-90)..
	T08	Dinneen, et al. "Developments in Technology for Green River Oil Shale" United Nations Symposium on the Development and Utilization of Oil Shale Resources, Tallinn, 1968, (pages 1-20).
	T09	De Rouffignac, E. "In Situ Resistive Heating of Oil Shale for Oil Production-A Summary of the Swedish Data, (4 pages).
	T10	Dougan, et al. "The Potential for in situ Retorting of Oil Shale in the Piceance Creek Basin of Northwestern Colorado", Quarterly of the Colorado School of Mines (pages 57-72).
	T11	Hill et al. "Direct Production of Low Pour Point High Gravity Shale Oil" I&EC Product Research and Development, 1967, Volume 6, (pages 52-59).
	T12	Yen et al., "Oil Shale" Developments in Petroleum Science, 5, Elsevier Scientific Publishing Co., 1976 (pages 187-198).
	T13	SSAB report, "A Brief Description of the Ljungstrom Method for Shale Oil Production," 1950, (12 pages).
	T14	Salomonsson G., SSAB report, "The Lungstrom In Situ-Method for Shale Oil Recovery, 1950 (28 pages)
or	T15	"Swedish shale oil-Production method in Sweden," Organisation for European Economic Co-operation, 1952, (70 pages).
*	T16	SSAB report, "Kvarn Torp" 1958, (36 pages).
*	T17	SSAB report, "Kvarn Torp" 1951 (35 pages).
or	T18	SSAB report, "Summary study of the shale oil works at Narkes Kvarntorp" (15 pages).
or	T19	Vogel et al. "An Analog Computer for Studying Heat Transfrer during a Thermal Recovery Process," AIME Petroleum Transactions, 1955 (pages 205-212).
*	T20	"SKIFFEROLJA GENOM LIPPVARMNING AV SKIFFERBERGET," Faxin Department och Namder, 1941, (3 pages)
*	T21	"Aggregeringens orsaker och ransoneringen grunder", Av director E.F.Cederlund i Statens livsmedelskommission (1 page).
or	T22	Ronnby, E. "KVARNTORP-Sveriges Storsta skifferoljeindustri," 1943, (9 pages)
or	T23	SAAB report, "The Swedish Shale Oil Industry," 1948 (8 pages).

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DATE CONSIDERED: 11/11/03

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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.

Form PTO-1449 (modified) List of Patents and Publications For Applicant's Information Disclosure Statement (Use several sheets if necessary)		ATTY. DKT. NO. 5659-05900 APPLICANT: Maher et al. FILING DATE: April 24, 2001	SERIAL NO. 09/841,442 GROUP: 3673
PART OF PAPER # 28 AUG 08 2003			
*	T24	Gefrot et al., "The Oil Industry in Sweden," Carlo Colombo Publishers Rome, Proceedings of the Fourth World Petroleum Congress, 1955 (8 pages)	
	T25	Hedback, T. J., The Swedish Shale as Raw Material for Production of Power, Oil and Gas," XIth Sectional Meeting World Power Conference, 1957 (9 pages)	
	T26	SAAB, "Santa Cruz, California, Field Test of the Lins Method for the Recovery of Oil from Sand", 1955 Vol. 1, (141 pages) English	
	T27	SAAB, "Santa Cruz, California, Field Test of the Lins Method for the Recovery of Oil from Sand-Figures", 1955 Vol. 2, (146 pages) English.	
	T28	"Santa Cruz, California, Field Test of the Lins Method for the Recovery of Oil from Sand-Memorandum re: tests", 1955 Vol. 3, (256 pages) English.	
	T29	Helander, R.E., "Santa Cruz, California, Field Test of Carbon Steel Burner Casings for the Lins Method of Oil Recovery", 1959 (38 pages) English.	
	T30	Helander et al. Santa Cruz, California, Field Test of Fluidized Bed Burners for the Lins Method of Oil Recovery" 1959, (86 pages) English.	
	T31	SSAB report, "Bradford Residual Oil, Athabasa Ft. McMurray" 1951, (207 pages), partial translation.	
	T32	"Lins Burner Test Results-English" 1959-1960	
	T33	SSAB "Annual Reports, SSAB Laboratory, Address Annually Issues-Shale and Ash, Oil, Gas, Waste Water, Analytical", 1953-1954, (166 pages). Swedish	
	T34	SSAB report, "Financial Matter, Swedish taxes, etc.," 1960-1961 (37 pages). Swedish	
	T35	SSAB report, "Cost For Mining," 1959-1979 (13 pages). Swedish	
	T36	SSAB report, "Cost Comparison of Mining and Processing of Shale and Dolomite Using Various Production Alternatives", 1960, (64 pages). Swedish	
	T37	SSAB report, "Assessment of Future Mining Alternatives of Shale and Dolomite," 1962, (59 pages) Swedish.	
*	T38	SSAB report, "Kartong 2 Shale: Ljungstromsanlaggningen" (104 pages) Swedish.	
JK	T39	SAAB, "Photos", (18 pages).	
*	T40	SAAB report, "Swedish Geological Survey Report, Plan to Delineate Oil shale Resource in Narkes Area (near Kvarnatorp)," 1941 (13 pages). Swedish.	
	T41	SAAB report, "Recovery Efficiency," 1941, (61 pages). Swedish.	
	T42	SAAB report, "Geologic Work Conducted to Assess Possibility of Expanding Shale Mining Area in Kvarnatorp; Drilling Results, Seismic Results," 1942 (79 pages). Swedish.	
	T43	SSAB report, "Ojematinigar vid Norrtorp," 1945 (141 pages).	
	T44	SSAB report, "Inhopplingschema, Norrtorp II 20/3-17/8", 1945 (50 pages). Swedish.	
	T45	SSAB report, "Secondary Recovery after LINS," 1945 (78 pages)	
	T46	SSAB report, "Maps and Diagrams, Geology," 1947 (137 pages). Swedish.	
	T47	SSAB report, "Styrehseprotokoll," 1943 (10 pages). Swedish.	
	T48	SSAB report, "Early Shale Retorting Trials" 1951-1952, (134 pages). Swedish.	
	T49	SSAB report, "Analysis of Lujunstrom Oil and its Use as Liquid Fuel," Thesis by E. Pals, 1949 (83 pages). Swedish.	
	T50	SSAB report, "Environmental Sulphur and Effect on Vegetation," 1951 (50 pages). Swedish.	
*	T51	SSAB report, "Tar Sands", Vol. 135 1953 (20 pages, pages 12-15 translated). Swedish.	

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DATE CONSIDERED: 11/17/02

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Form PTO-1449 (modified)
List of Patents and Publications
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ATTY. DKT. NO. 5659-05900

SERIAL NO. 09/841,442

APPLICANT: Maher et al.

GROUP: 3673

FILING DATE: April 24, 2001

*	T52	SSAB report, "Assessment of Skanes Area (Southern Sweden) Shales as Fuel Source," 1954 (54 pages). Swedish.
*	T53	SSAB report, "From as Ure Dn Text Geology Reserves," 1960 (93 pages). Swedish.
*	T54	SSAB report, "Kvarntorps Environmental Area Assessment," 1981 (50 pages). Swedish.

*: NO TRANSLATION - NOT CONSIDERED

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EXAMINER:

DATE CONSIDERED: 11/17

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






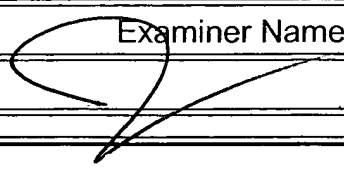


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ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	IN SITU THERMAL PROCESSING OF A COAL FORMATION WITH A SELECTED MOISTURE CONTENT						
Application Number: 09/841442							
Confirmation Number: 4754							
First Named Applicant: Kevin Maher							
Attorney Docket Number: 5659-05900							
Art Unit: 3673							
Examiner: John J. Kreck							
Search string: (4931171 or 4737267 or 4384948 or 3593790 or 3497000 or 3244231 or 3223166).pn.							
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					GROUP 3600		
US Patent Documents							
Note: Applicant is not required to submit a paper copy of cited US Patent Documents							
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	4931171	1990-06-05	Piotter			
	2	4737267	1988-04-12	Pao et al.			
	3	4384948	1983-05-24	Barger			
	4	3593790	1971-07-20	Herce			
	5	3497000	1970-02-24	Hujsak et al.			
	6	3244231	1966-04-05	Grekel et al.			
	7	3223166	1965-12-14	Hunt et al.			
Signature							
Examiner Name				Date			
				11/17/03			



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ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of
Invention

IN SITU THERMAL PROCESSING OF A COAL
FORMATION WITH A SELECTED MOISTURE CONTENT

Application Number: 09/841442



Confirmation Number: 4754

First Named Applicant: Kevin Maher

Attorney Docket Number: 5659-05900

Art Unit: 3673

Examiner: John J. Kreck

Search string: (5126037 or 3477058 or 3580987 or 4193451
or 4265307 or 4390067 or 4456065 or 4457374
or 4479541 or 4498535 or 4598770 or 4669542
or 4682652 or 4982786 or 5201219 or 5339904
or 3349845 or 1646599 or 3952802 or 4010800
or 3892270 or 3986556 or 4031956 or 4140180
or 4412585 or 4501326 or 4524827 or 4585066
or 4776638 or 4856587 or 5517593 or 5099918
or 5751895 or 6015015 or 6112808 or 3026940
or 3947683 or 3285335 or 3456721 or 2857002
or 3165154 or 4458757).pn.

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US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
1	1	5126037	1992-06-30	Showalter			
2	2	3477058	1968-11-04	Vedder et al.			
3	3	3580987	1971-05-25	Priaroggia			
4	4	4193451	1980-03-18	Dauphine			
5	5	4265307	1981-05-05	Elkins			
6	6	4390067	1983-06-28	Wilman			
7	7	4456065	1984-06-26	Heim et al.			
8	8	4457374	1984-07-03	Hoekstra et al.			
9	9	4479541	1984-10-30	Wang			
10	10	4498535	1985-02-12	Bridges			

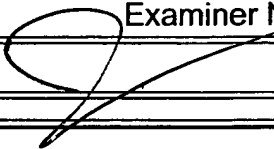
11	4598770	1986-07-08	Shu et al.
12	4669542	1987-06-02	Venkatesan
13	4682652	1987-07-28	Huang et al.
14	4982786	1991-01-08	Jennings, Jr.
15	5201219	1993-04-13	Bandurski et al.
16	5339904	1994-08-23	Jennings, Jr.
17	3349845	2003-06-27	Holbert et al.
18	1646599	1927-10-25	Schaefer
19	3952802	1976-04-27	Terry
20	4010800	1977-03-08	Terry
21	3892270	1975-07-01	Lindquist
22	3986556	1976-10-19	Haynes
23	4031956	1977-06-28	Terry
24	4140180	1979-02-20	Bridges et al.
25	4412585	1983-11-01	Bouck
26	4501326	1985-02-26	Edmunds
27	4524827	1985-06-25	Bridges et al.
28	4585066	1986-04-29	Moore et al.
29	4776638	1988-10-11	Hahn
30	4856587	1989-08-15	Nielson
31	5517593	1996-05-14	Nenniger et al.
32	5099918	1992-03-31	Bridges et al.
33	5751895	1998-05-12	Bridges
34	6015015	2000-01-18	Luft et al.
35	6112808	2000-09-05	Isted
36	3026940	1962-03-27	Spitz
37	3947683	1976-03-30	Schultz et al.
38	3285335	1966-11-05	Reistle
39	3456721	1969-07-22	Smith
40	2857002	1958-10-21	Pevere et al.
41	3165154	1965-01-12	Santourian
42	4458757	1984-07-10	Bock et al.

Remarks

Note: Remarks are not for responding to an office action.

Foreign patents and other art will be submitted on a Form PTO 1449.

Signature

Examiner Name	Date
	11/17/03